(ii) nucleic acid molecules synthesized from the isolated test nucleic acid molecules, wherein the polynucleotide probe hybridizes with a polynucleotide molecule consisting of either the nucleotide sequence of SEQ ID NO:1, or the complement of the nucleotide sequence of SEQ ID NO:1, and

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(b) detecting the formation of hybrids of the polynucleotide probe and either the test nucleic acid molecules or the synthesized nucleic acid molecules,

wherein the presence of the hybrids indicates the presence of a polynucleotide molecule that encodes a protease activated receptor-4 polypeptide. --

***Remarks***

Applicants have canceled claims 1-11, and applicants have added claims 12-39, leaving claims 12-39 pending in the present application. Applicants have amended the claims to more clearly define certain aspects of their invention. No new matter is added with this amendment. Applicants respectfully await examination on the merits.

Respectfully submitted,
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